

PAUL J. KISER

EDUCATION

2006-Present University of Louisville School of Medicine Louisville, KY
Ph.D. Candidate, Anatomical Sciences and Neurobiology

1997 University of Louisville School of Medicine Louisville, KY
M.S., Anatomical Sciences and Neurobiology

1992 The Florida State University Tallahassee, FL
B.S., Major – Biology, Minor - Psychology

CERTIFICATION

2008 KY Cert. Board of Prevention Professionals Louisville, KY
Certified Prevention Professional

WORK EXPERIENCE

2008–Present Kentucky ACTION Louisville, KY
Director

- Oversee revitalization of advocacy organization supporting local and state-wide tobacco-control initiatives and policies
- Conduct local and state-wide trainings on multiple tobacco-control issues including secondhand smoke policies, tobacco tax increases, environmental strategies to reduce tobacco use, tobacco free schools initiatives, advocacy vs. lobbying, and more.
- Organizational website, database and list-serve development and maintenance
- Organizational development including funding and Board of Director initiatives
- Technical assistance for individuals and coalitions promoting tobacco-control initiatives at the state and local level
- Organizational representation on numerous statewide and local committees and coalitions related to tobacco control and prevention.

2004–Present Bellarmine University Louisville, KY
Adjunct Faculty, Biology

- Instructor, Human Anatomy and Physiology I and II – Lecture and Labs

2004–2008 Seven Counties Services, Inc Louisville, KY
Prevention Specialist, II

- Prevention division policy specialist providing legislative updates and advocacy activity recommendations for staff. Tracked legislation at both state and local levels.
- Served on leadership committee for SmokeFree Louisville, meeting

individually with Metro Council members as well as testifying at council and committee meetings, ultimately passing one of the strongest comprehensive secondhand smoke ordinances in the country.

- Served on statewide steering committee for the Youth Empowerment System, a program of the Kentucky Division of Substance Abuse
- Trained in geo-mapping software ArcGIS 9 to identify and analyze public health “hot spots” such as regions with numerous violent crimes, illegal sales to minors, illicit drug use, etc.
- Served as SCS Prevention representative to Neighborhood Place Bridges of Hope helping to coordinate services with other NP partners to residents of service area.
- Participated in the development of a social norms campaign with Jefferson County Public Schools as an environmental strategy to denormalize alcohol and tobacco use and other high risk behaviors in youth.
- Coordinated and implemented youth resiliency-building program B.R.I.D.G.E.S. (Building Resilient, Intelligent, Drug-free Graduates via Empowerment and Service) at Neighborhood Place Bridges of Hope in partnership with JCPS, Louisville Metro Human Services and Louisville Metro Health Department

2000-2004 Kentucky ACTION Louisville, KY
Manager of Advocacy and Education

- Served as spokesperson for Kentucky ACTION on all topics relevant to tobacco-control. Included extensive experience with broadcast and print media as well as frequent presentations to groups, conferences and organizations of all sizes, both friendly and adversarial to tobacco-control interests.
- Served as primary resource/research person at Kentucky ACTION for general information related to tobacco control, conducting continuous research into current trends, policies, statistics and published studies in both regional and nationwide tobacco-control movements as well as tracking the actions of the tobacco industry to counter and undermine tobacco-control efforts.
- Issue-based grassroots/community advocacy development and support through extensive networking, presentations, integrated communication strategies (incl. internet, e-mail, phone, fax and mail) and aggressive outreach in order to effect policy change at community and state levels.
- Partnered with the Kentucky Department for Public Health to serve as coalition development and maintenance trainer for local and district health department tobacco control coordinators.
- Develop, organize and coordinate all aspects of coalition youth activities via Project START (Students Taking Action Regarding Tobacco). These include statewide youth advocacy trainings, media events, tobacco control “holiday” events and the annual “Caravan to the Capitol,” at

which 750 students from more than 30 counties gathered in Frankfort for training and rally on the Capitol steps before meeting with legislators.

- Chaired numerous committees to design and host large events including annual statewide tobacco control conference “The Kentucky Tobacco Revolution,” the Caravan to the Capitol, various youth advocacy trainings and a statewide scholarship writing contest.
- Oversaw development and maintenance of both www.kyaction.com and www.khik.org, including writing copy and content development. Working with contractor and performing regular updates “in house.”
- Organize and supervise all publicly released information from Kentucky ACTION to verify accuracy and relevancy to Kentucky’s statewide tobacco control efforts.

1998-2000 Louisville Science Center Louisville, KY
Exhibit Research Coordinator – THE WORLD WITHIN US

- Coordinated research and content direction for the development of a new \$7 million, 10,500 square foot interactive exhibit, developed educational programming in public health and life sciences, coordinated budgets, schedules, contracts, logistics, acquisition of artifacts/equipment and operations.
- Serve as lead content director for the development of on-site educational programming as well as distance learning programs related to Kentucky health, medical and biological sciences.
- Develop conceptual document through organized research in specialized health and life science exhibit themes relevant to the public health of Kentucky for use in initial stages of development of THE WORLD WITHIN US.
- Oversee research assistants and interns in their efforts to collect background information on exhibit content, local and national human interest stories and careers related to specific exhibits in THE WORLD WITHIN US.
- Write and/or direct the writing of exhibit label copy, educational materials and multimedia scripts based on research.
- Remain current on issues and trends in the fields of fitness, wellness and health consulting in order to train program presenters how to properly answer visitor questions concerning health and anatomy.

1993-1998 University of Louisville School of Medicine Louisville, KY
Graduate Student/Research Technician

- Intracardiac perfusion for tissue fixation (rat, murine and feline)
- Cryostat and sliding microtome use for tissue sectioning
- Immunohistochemistry
- Tissue staining (metabolic activity markers, nissl stains, etc.)
- Anti-sense oligonucleotide cranial injection studies on gene inhibition (utilizing stereotaxic apparatus)

- TdT mediated d-UTP nick-end labeling (TUNEL) of apoptotic cells *in vitro* (with both biotin and digoxigenin labeling)
- Electron microscopy
- Northern Blots (using both synthetic oligonucleotide and bacterial grown and extracted probes)
- Slot blots

GRANTS

Principal Investigator

KY HEROS – Health Education Rural Outreach Scientists

National Institutes of Health – National Center for Research Resources
Science Education Partnership Award – FUNDED: 3 years - \$1.5 million

This Grant allowed for three years of continuous programming and exhibit development for THE WORLD WITHIN US at the Louisville Science Center in partnership with extraordinary regional medical researchers. It creates opportunities for these researchers and their teams to present their research and careers available in their fields to the general public and educational groups in an informal setting.

PUBLICATIONS

Yang CB, Kiser PJ, Zheng YT, Varoqueaux F, Mower GD (2007) Bidirectional regulation of Munc13-3 protein expression by age and dark rearing during the critical period in mouse visual cortex. *Neuroscience* 150(3):603-8.

Yang CB, Zheng YT, Kiser PJ, Mower GD (2006) Identification of disabled-1 as a critical period neuroplasticity gene in cat and mouse visual cortex. *Eur J Neurosci* 23: 2804-2808.

Kiser PJ, Cooper NGF, Mower GD (1998) Expression of two forms of Glutamic Acid Decarboxylase (GAD67 and GAD65) during postnatal development of rat somatosensory barrel cortex. *J Comp Neurol* 402:62-74.

Kiser PJ “The development of Glutamic Acid Decarboxylase (GAD67) in rat somatosensory cortex with respect to barrel fields.” Masters Thesis. Department of Anatomical Sciences and Neurobiology, University of Louisville School of Medicine. January 1997.

Mower GD, Guo Y, Kiser PJ, Cooper NGF “Postnatal expression of glutamic acid decarboxylase in normal and dark-reared cat visual cortex.” Poster/Abstract for the General Meeting of the Society for Neuroscience, New Orleans, LA. 1997.